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New Dorms To Come

By Mark Shumway

Next Fall, the housing problems that we've seen here in the past, aren't going to be as bad as before. The long-promised on-campus housing complex should be completed by this coming April.

The housing complex will be built in the wooded area near the present dormitory. Most of the trees will remain in place with 19 separate housing units grouped through this area. Each separate two-story unit will have facilities to house 24 students comfortably. A separate outside entrance will be available for each room.

Located between the present dorm and the new Dorm Two complex will be a housing administration office. Inside this housing office will be the linen supply, laundromat, a small mail room for students living on campus, and assorted other extras including living quarters for the housing officials.

Recently, Embry-Riddle purchased the Racquet Club out on U.S. 92. By February or March of this coming Spring, it will have been converted into student housing; for use next fall or possibly this summer. There will be 29 apartment units grouped in a quadrangle with a swimming pool located in the center. Each apartment will consist of four rooms that will house six students.

The pool will be 145 feet long and 45 feet wide with a depth of 9 feet at the diving end shallowing out to a depth of 3 feet at the opposite end.

The Racquet Club Dormitory will have its own water treatment plant and sewage facility. Four acres of land outside this new dorm will be set aside for recreational development in the near future.

Construction will soon start

on both the Dorm Two complex and the Racquet Club as soon as the re-zoning of the two areas has been finalized. This re-zoning process has been the major reason that construction has been held off so long. The Racquet Club had to be re-zoned from a motel to a student dormitory. The Dorm Two complex was originally planned as one large building, not several smaller houses, so it too, had to be re-zoned.

Although some of the finishing touches, such as interior decor and room arrangement, have yet to be finalized, all the students of 1978-79 have something positive to look forward to.

So why do I stay? It's simple: economy. I have no car and therefore no insurance or gas cost. I pay about one hundred dollars a month for my room. Each room comes with a small refrigerator and there is a microwave oven for general use in the lobby, so I can eat fairly cheaply. Maid service and utilities come with the room. Any part of the campus with the exception of the Administrative building is within a few minutes walk. I have three malls, Wendy's, Water, and Big Daddy's within walking distance, too. The dorm has other advantages too, like a weight lifting room and tennis courts out back. Someday the swimming pool will be right next door. We also have frequent barbecues, movies, wing parties, and seasonal parties.

There is a good bit of spirit in the dorm, although most would never admit to it. Summarizing for me, life in the dorm is like owning a Volkswagen, there are better and different ways to go, but few are as efficient and some aren't even as fun!

Dorm Life



An Inside Look

By Kevin Quinn

Twelve o'clock midnight. In Room 322 somebody makes a noise, in Room 222 somebody bangs on the wall to quiet the people in 322. In 122, my room, we can hear it all. I work from 4 a.m. to 8 a.m., so my sleep is pretty important to me. Of course, when I go upstairs to ask for quiet, nobody knows anything. The noise usually does stop... just long enough for me to get resettled before starting again. Such is life in the dormitory.

Life in the dorm is not easy. I'm a sophomore, so I only have to share my room with one person. That is to say, that I, my bike, my two bookcases, my 17 pictures, my full wardrobe, and my easel only have to share with one roommate. Now I'm sure this does not mean much to you off campus types, with your two or three bedroom apartments with kitchen and living room, even if you do have one or two roommates. What you've got to remember is that our entire apartment: measures ten by seventeen feet.

As I mentioned, I have it easy; the incoming freshmen have three to a room of the same size. The other day, I went upstairs and asked some of these three to roomers how they were getting along. Their answer was simple and conclusive, of the seven asked, six plan to move out as soon as they can get transportation and a place to stay. For some it's simply a matter of waiting for their contract to run out. Their complaints were many, but most involved the overcrowding and the fact that they must live, eat, and sleep on campus. It's like living in an office, one never really gets a chance to relax and forget about school. With space at such a premium, privacy is almost non-existent; therefore if one is to last long, an extra active sixth sense towards the wants and needs of others must be developed. In such crowded quarters it is very easy to antagonize several people with just one outburst of emotion. It's like living on a submarine.

Alfa

By Jimmy Hillburger

Nationally recognized singer and guitarist Alicia O'neal will be giving a free performance tonight in the Pub Area of the University Center. The two-hour concert will begin at 8:00 p.m. and include many original pieces written by Alicia.

She appeared here last June and was very well received. The S.R.O. capacity brought her back for two encores.

Alicia is a singular song stylist whose original material balances both her innate Cuban rhythm and the mellow strength and clarity of her sensibility.

Don't miss her!



Living In The Scottish Inn

By Jim Harris

Due to an abundant amount of accepted students this trimester, Embry-Riddle Aeronautical University was forced into renting the Royal Scottish Inn to house 460 male and 11 female students. This is to last until the other dormitory is completed in the middle of 1978.

The inn rental was completed only a very short time before students were asked to arrive on campus. The week preceding registration consisted of switching the motels original furniture with the furniture belonging to Embry-Riddle housing, which kept many people up long hours so the job could be finished.

The inn, located west of Clyde Morris Blvd., on Volusia Ave., has kept the facilities it had to offer to its guests open for students residing there.

These facilities consist of a motel operated restaurant, game room, pool, maid service, and candy and soda machines. Even though these facilities have remained open, necessary items, such as washers and dryers were still missing.

Each room at the Scottish Inn has a telephone that can receive outside calls or call room to room, a color television, air conditioning, and a private bath. Extra bureaus are still being put into the rooms for excess clothing the students still have sitting around.

An added attraction seems to be, for some people, the golf course in their backyard. It has a driving range and an 18 hole, par three golf course.

The director of housing, George S. Smith, explained to the students during an orientation meeting, that the renting of the Scottish Inn was a last minute thing and that most of the major problems were known by the housing staff. He also stated that many people, including himself were working very hard to get these problems straightened out quickly. Washers and dryers were already being connected this week. The reason for the delay being

connected this week. The reason for the delay was due to the fact that Florida Power and Light could not produce enough electricity to compensate for these appliances, so gas wells had to be dug. There are some students who still complain that there is no space available in the rooms. With three students living in a typical motel room, there will naturally be space problems. In speaking with one of the resident assistants at the inn, he disagreed with this by saying that there is more "living" space available. When asked to define "living" space, he said, "room to walk around."

The students living at the inn pay \$100 more per trimester than the students living at the on-campus dormitory. This has been, according to Scottish Inn residents, the major complaint at the inn. Students feel that if they are paying that much more, they should get at least that much in conveniences. Some of these conveniences are simply soda machines that don't take your money and keep your soda. These complaints, being reasonable, have been brought to the attention of Riddle's housing officials.

Turn to 'Scottish Inn,' page 8

Resident Director

By Jim Zurales
Staff Writer

When dormitory urinals are blown up or water fountains get ripped out of the walls, who's the guy who decides what is going to be done about it? It's our friendly neighborhood resident director, Mike Gearing.

The job of resident director covers many areas and taking disciplinary action is just one of them. Our dorms in excellent condition and Gearing plans to keep it that way with strict measures for people who purposely damage its property. Why? Because he cares about the dorm and the students living in it.

"I enjoy the position because I like to be active and see more for the students activity-wise and social-wise," Gearing comments. He continued, "I try to find out what the students want and need and then do what I can to get it. I'm always looking for original ideas from students for activities."

Mike Gearing is the kind of guy who goes out of his way to get things done for the students. He tries to raise spirit in the dorm by promoting activities such as movies, tug-of-war, volleyball tournaments, and many other good ideas he has for the future. He's assigned one of the resident advisors to work directly with Nena Frost, student activities director, to provide these activities and he feels they're doing a great job.

The resident director is the link between the housing office, the administration, and the students. Mike commented that the R.D. can basically be called the general manager of the dorm. He is responsible for decision making, overseeing discipline, is responsible for keys, and handles problems the R.A.'s can't. There are many administrative duties and paperwork required of him, also.

There are 12 resident advisors and three floor advisors who the students see for all kinds of problems such as alcohol, drugs, or roommate difficulties.

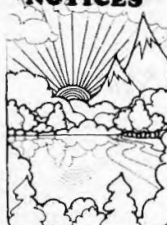
Gearing points out, "The R.A.'s job is very hard. He listens to student problems, keeps track of the students in his area, initiates activities, gets to know the students, and holds functions in addition to other duties. It's difficult, but very rewarding."

What fringe benefits do the advisors get? R.A.'s start at \$50 per month in a free two man room with a choice of roommate. The resident director receives a low flat rate per month and a three room apartment in the dorm. "I get self satisfaction out of this job. It opens many excellent management and social opportunities," Gearing stated. In a job like this, the R.A.'s and resident director alike meet many people and get excellent experience in psychology and in working with and helping other people.

Is time ever a problem for advisors and the director? "Yes, definitely," Gearing stated. The time is very demanding and they

Turn to 'Resident Director,' page 8

NOTICES



WARNING:

PLEASE DO NOT HANG SIGNS IN THE E-RAU "fountain" WATER TOWER. THE WATER CONTAINS ALGAE, AN OIL DISPERSANT AND OTHER CHEMICALS + 460 VOLTS OF ELECTRICITY. IT IS EXTREMELY DANGEROUS TO GET INTO THE WATER.

Signed Mike Nickell
Air Conditioning Super.



There will be an organizational meeting, Friday Sept. 23 at 7:00 p.m. in the Common Purpose Room. Anyone interested in playing baseball should attend.

VETS BENEFITS?

IS YOUR TENT TO ENROLL FOR IN. There will be NO ENROLLMENT WITHOUT IT.

Eunice Richards
Coordinator, Vets Affairs

The AVION survey is coming! You will find it in your mail box on Thursday, Sept. 22nd. That's tomorrow! It will only take a moment of your time to complete. And you then may put it in the AVION Survey Box located just outside the mailroom. The results of this SGA survey will be published as soon as all your information and opinion has been compiled. Thank you for the small time spent and PLEASE don't throw this BLUE SHEET out.

OPINIONS

THE OPINIONS EXPRESSED IN THIS PAPER ARE NOT NECESSARILY THOSE OF THE UNIVERSITY OR ALL MEMBERS OF THE STUDENT BODY. LETTERS APPEARING IN THE AVION DO NOT NECESSARILY REFLECT THE OPINIONS OF THIS NEWSPAPER OR ITS STAFF. ALL LETTERS SUBMITTED WILL BE PRINTED PROVIDED THEY ARE NOT LEWD, OBSCENE, OR LIBELOUS, AT THE DISCRETION OF THE EDITOR, AND ARE ACCOMPANIED BY THE SIGNATURE OF THE WRITER. NAMES WILL BE WITHHELD FROM PRINT IF REQUESTED.

EDITORIAL

By Ray D. Katz
AVION Editor

As the election campaign gets closer to the final showdown, I must admit it's gotten more interesting. I'm looking forward to this afternoon's debate, which should add even more fuel to the fire. Those of you who haven't taken the time to find out what's going on are really missing out. Maybe it's because I'm involved, but this election seems to be more pertinent than any this school has had. I guess there's a lesson to be learned there; and it applies to all school activities; the more involved you get, the more interesting it becomes.

I'll see you all Wednesday, at the debate. Then, Thursday get out and VOTE!

Ray D. Katz

letters to the editor

We were pleasantly surprised to read the letter to the editor column concerning the S.G.A. Constitution. In conversation with Smokey Stover, he seems to think the main idea of that article was against the writing in of the Pres./V.P. slot to that constitution on their behalf. They have missed the entire point. The most important fact is the overall plan of the student body and its lack of adequate representation. The writer of last week's letter was telling everyone that if you draft a constitution to limit student response, it makes for a more power-centered executive branch. Thus, if you have the power, you can delegate these people into positions to enhance the centralization of the power. The Senate, with its 2/3 override of the president's veto is essential to the welfare of the students at large, and it is only fair to hope that proper representation should be used to ensure a QUALITY Senate.

If the candidates are not far sighted enough to see the underlying point of last week's article; if they cannot function with more vision than what's in front of their face, then it's time for a better way with more intuitive candidates. You, the student body need to be heard

as students, and should not let that voice of all of you be limited to ten senators total.
Bob Allen/All Graves

In answer to the letter to the editor column which appeared in the Sept. 14, 1977 issue...

Even though Mike Jaworski did most of the work on the new Constitution and I was involved in the final draft, there is no conflict of interest due to creating jobs. The job of president and vice president have been in every constitution that the SGA has operated under.

Smokey Stover

After reading the letter to the editor in Sept. 14, 1977 paper I think something should be cleared up. It is true that Mike and Smokey worked on the new Constitution. First it should be let known that ever since the S.G.A. was formed there has been a President & V.P., so they did not write this into the new Constitution. Second, they filed their petition before the new Constitution was voted on and have said many times that whatever the students vote for they will go along with.

John B. O'Neal



WISE UP!

A few 'words of wisdom'... Dr. Jeffrey H. Ledewitz

Although no one appreciates (and more often than not 'tune out') a chronic complainer, there are times when a legitimate complaint is certainly in order and justified. The following was prepared by the Gulf Oil Corporation and we wish to thank them for allowing us to share their findings with you.

THE ART OF COMPLAINING

Most of us, at one time or another, have had a reason to complain; about a product, poor service, or maybe just being tired of trying to talk to a computer.

To many of us feel that complaining to a company is an exercise in futility and don't bother to express our dissatisfaction. We simply continue to feel "ripped off", or maybe write it off to experience.

Complaints are also important to the companies involved. Complaints from customers alert the company to product and service defects. This causes improvements to be made and everybody benefits. INVOICES, WORK ORDERS,

RECEIPTS —

It is a good practice to keep copies of all documents relating to purchases of goods or services. This way, should you later have reason to complain, the terms of your agreement are available to document time, date, and place as well as the itemized cost of your purchases. In returning merchandise, or filing a complaint, most firms will require one or more of these documents as "proof of purchase".

WARRANTIES

AND GUARANTEES — These plans are designed to protect both the consumer and retailer against faulty merchandise and/or service. Read them carefully and ask for an explanation if the terms are not clear to you. Both parties have responsibilities to fulfill the terms of the warranty or guarantee.

Usually, a certain time period is covered, or mileage or remaining tread in the case of cars and tires. In some cases, complete satisfaction is guaranteed or your money back. In product guarantees, some routine maintenance is usually required by the consumer. If you have a complaint which could be covered by such a plan, it is important to be able to verify that you have fulfilled your side of the bargain, as well.

HAVE A COMPLAINT?

BE ORGANIZED —

Whether you plan to write a letter or call in your complaint, take a few moments or organize the important points you want to make:

- * Name, address and credit card number (if applicable)
- * Nature of complaint (poor service, faulty merchandise, discourtesy, credit related matter, etc.)
- * Details
 - time, date, and place
 - merchandise or service purchased
 - cost (invoice, receipt, etc.)
 - what happened (briefly)
- * What action you want company to take

Don't let your temper make it difficult for you to communicate your problem. If you're angry, cool off a little before you write or call. This will make your complaint easier to understand. Remember, too, that the people receiving your letter

or on the other end of the phone are not personally responsible for your difficulties. They are there to help resolve your problem.

WHERE TO START

Now that you're organized, your first course of action should be to return to the point of sale and register your complaint. Listen to the other side of the story, too. Don't make unreasonable demands but seek an equitable solution. Most complaints can usually be handled in this way without the loss of goodwill on either side.

However, there are instances where this approach does not produce the desired results and further action is called for. You generally have other alternatives.

*District or regional offices of the company.

*Consumer Affairs office in company headquarters.

Your local library can assist you in finding addresses for company headquarters offices or your telephone directory may contain the address and phone number of a district or regional office.

In taking your complaints to this next level, remember the same guidelines apply:

- * Have all the pertinent information
- * Be organized
- * Be concise
- * Be firm, but reasonable
- * Suggest what action you'd like the company to take

Many people address their complaints to the top executive of the company in a quick solution to your problem, it might be better to address your correspondence (or phone call) to the Customer Relations, or Consumer Affairs Department and send a copy of your letter to an executive for his information, if you wish.

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PRESIDENT'S CORNER

John O'Neal
SGA President

This will be my last letter in the paper. I have very much enjoyed being your President the past year and want to wish the new President & V.P. all the best of luck. I will be around if they need any help. I hope every student will take an interest and vote. After all this is your S.G.A.

I do want to thank everyone who has helped out during my year in office. Jim Aggett has been a great help to me. Also Smokey, Mike J, Bill Dollaway, Mike Geniro, Mark Nichols and many more students who have helped.

Thank you,
John B. O'Neal

FEEDBACK

QUESTION:

Why not set up Ping Pong tables in the University Center along with pool tables if there is room. Then maybe have some competitions and tournaments.

ANSWER:

The answer came from Bob Spraker, U.C. Manager.

There is just not enough room in the Pub for Ping Pong tables. There are Ping Pong tables available for students use in the Dorm Annex. I am sure that the Student Activities office will organize a Ping Pong, Pinball and pool tournaments.

QUESTION:

Will the University Center open longer on the weekends.

ANSWER:

The U.C. will now be open Monday-Friday from 6:00 a.m. - 11:00 p.m.; Saturday from 8:00 a.m. to 11:00 p.m. and Sunday from 8:00 a.m. to 10:00 p.m.

These hours will continue if there is a sufficient number of persons in the U.C.

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Enjoying The New Campus Activities

By Kevin Quinn

On Wednesday night, an open forum was held in the Residence Hall Annex. Attending were some of the most active members of our student government, activity related branches of the administration, and the general student body itself. The purpose of this meeting was to explain upcoming campus events, and how to get involved with them. At the same time questions were entertained from many of the students present. This was an informal, give and take meeting; the kind we need much more of if we are to open the lines of communication and end campus apathy.

Nina Frost, our new Director of Student Activities, was the moving force behind this meeting. She is working for you, but her job is meaningless unless you tell her what you want to see in the way of campus activities. Her office is located on the first floor of the U.C. next to the Common Purpose Room. Go see her and let her know what you want. Nina and two of her assistants, Paul Strevey, and Al Wilcomsky, have planned the following for this trimester: Later this month a selection of video tapes will begin showing in the academic complex. Included will be a complete showing of "The Groove Tube," boxing matches and several other features. Of course, movies will again be shown regularly in the U.C. on Friday nights. Among these are, "The Producers," "Brian's Song," and "Drive In".

Coach Urbach, the Athletic Director, informed us that flag football was starting. An organizational meeting was held in the Common Purpose Room at 5 p.m.

Other internal sports will include Volleyball, Basketball, and the very popular slow pitch softball. A bicycle race is to be held at the speedway also. The coach invites any and all to come out. Support is also asked for ERAU's soccer team the Golden Eagles, which is expected to have an excellent season. This month will also see a new universal in the annex and the resurfacing of the

tennis courts. Throughout the trimester Karate lessons will be offered at 4:30 p.m. in the annex. Wrestling will also be offered later this year. Volleyballs, basketballs, footballs, and other equipment is available for general student use in the annex from 1 to 4 p.m. daily, and suggestions for more equipment will be welcomed. A schedule of these and other sports activities will be posted on the post office bulletin board and the annex door.

Bob Spraker, University Center Manager, has a "Steak Night" planned for Friday, Sept. 23, behind the Residence Hall near the barbecue pit. Spraker would also like to see the Food Service Committee get back on it's feet this fall. If you have any complaints about the food service speak to him about getting on the committee.

Bob Rockett, Dean of Students, was forced to open his comments on a disturbing note. Already this trimester half a dozen students have had to be dismissed from campus for possession of Marijuana. ERAU is a school of Professional Aeronautics and the industry it supports will not tolerate the use of this or any drugs. For this reason ERAU will dismiss the first time any student found guilty of smoking, possessing or knowingly remaining in the presence of such drugs. The FAA will also be informed of all such cases. This means that all flight certificates will be revoked.

On a more promising note, SGA elections are approaching. Each of the candidates asks that you listen to the issues and most importantly VOTE. This university is growing fast, and with that growth has come a volume of student needs. There are people to handle these needs, but without your input they are helpless. Stop ERAU from becoming Apathy. U. Let us have your suggestions and then come out and enjoy the fun. Without student participation the best of activities will fail.

Election Info' Additions

S.F. "Smokey" Stover is being given this chance to finish answering the special AVION election questions which were featured in the Sept. 14 issue of the AVION.

Question number 6 asked: How do you feel that you can change the direction of the SGA to get more students involved?

Stover's reply follows: 1. As was stated in my answer to question 4, open Senate meetings with results published.

2. It is my intention to make public the results of all meetings of the Board of Trustees and the Administrative Committees.

3. Once again, we cannot sit in the office waiting for the students to come to us. We must actively seek the ideas and problems of the student body.

4. By setting the example of total dedication to the student body.

5. By maintaining a strict accountability of SGA monies with complete disclosure as to how the student fees are allocated and expended.

6. The student is the most important individual on campus. We must show the students that this is true.

S.F. Stover

In addition to these additional remarks a second part of question 3 was mistakenly left off the paper. Stover answered the question How many activities do you plan to be involved in upon election?

1. President, SGA
2. President Management Club
3. Member AAAA
4. Asst District Commissioner, Boys Scouts of America

It is hoped that this information will inform the students of Stover's views and background in addition to the information given in the Sept. 14 issue of the paper.

Counseling Center

Students can be seen by the counselors on an individual basis in which each session is kept in the strictest confidence.

The students are encouraged to look at various alternatives to their situation and then come to their own decisions. The main philosophy of the Counseling Center is to teach students to take an individual responsibility for their own life.

There are also different types of groups designed for students. Some of these groups are study skills seminars, human awareness and assertive groups and a new course, Applied Individual/Group Psychology. This course, SS 205, will be a one-credit elective under the

Social Science Department which is open to all students. The main objective of the course, as the other groups, is to further assist students in developing their academic and personal growth.

The Counseling Center is located on the first floor in the University Center across from Health Services. It is open from 8:00 a.m. to 5:00 p.m., Mon. through Fri. In order to make an appointment you may come by the Center or call ext. 320.

Martin Keller
Debi Sugarman
Counselors

ERAU Student Wed In On-Campus Ceremony

By Jim Harris

On Thursday, Sept. 15, 1977, Pedro Madrazo, a student at Embury-Riddle was wed to Elena Valero of Spain in the Common Purpose Room of the University Center. The services were held by Father Marty Keller, a guidance counselor at Riddle. Father Keller did the services in an international fashion speaking in both Spanish and English.

The scriptures were read in Spanish by Jim Aguti, Assistant Dean of Students. The groom's best man was Don "Pop" Alonso, an ERAU flight instructor, and Mrs. McCollister, wife of Dr. James McCollister was the organist during the



ceremony.

This wedding was the first held on Embury-Riddle grounds and was controlled by the International Students Dept. The common purpose room was decorated by many helping hands including Father Keller, who set up the altar.

Elena, a resident of Spain, got married here because she was on a two week tourist visa and could not get it renewed. By getting married she was able to stay here with Pedro. This gave the International Students Dept. only a week to ten days to arrange the formalities and a perfectly beautiful wedding ceremony.

Career Center Activities

Students interested in co-oping in the Spring 1978 Trimester should contact the Co-op staff member in your aviation career area:

Warren Messner - Engineering
Marlene Via - Management
Jim Nestor - Flight
Bob Van Riper - Maintenance

The co-op staff member will explain the program and requirements to qualify. Each staff member is developing jobs now, make sure the company or type job you would like is known. The following faculty co-op advisors will assist you in determining if you can earn degree credits by co-oping as well as discussing the program with you.

Bud Blackwell - Flight - Building - G, Room 114-A
Rudy Knabe - Management - Building - C, Room 425
Walt Schumate - Maintenance - Building - P, Room 102
Howard Curtis - Engineering - Building - A, Room 227.

PLACEMENT

Graduating seniors in December and April should fill

out a qualification record form with the Placement Office now. Jack Kays, in charge of placement activities, needs resumes of students seeking jobs to send to employers. Discuss your particular job requirements with Jack so that he can develop the job you want.

Career Center offices are located on the Second Floor of the University Center.

Telephone extensions:
Co-op Ext. 302/303
Placement Ext. 330/331

Remember, Career Center services are available for EVERY student. Yes, the Co-op program is for you if: you have completed your freshman academic (1st two trimesters) OR are a transfer student completing one trimester AND have a minimum GPA of 2.25.

* Headquarters Marine Corps in Washington, D.C. has recently allocated more openings for commissioning programs to college seniors and graduates. These openings are for the January officer candidate course which convenes on the Jan. 23, 1978. The majority of these openings are in aviation. Interested? Call collect to Orlando (305) 420-6461, Capt. Black.

* The Career Center has information concerning flight training opportunities with U.S. Air Force Reserves. If selected, the Air Force will send you to 18-24 months of officer candidate school, slight training survival training and operational type training. On completion, your obligation will consist of no less than one week end per

month and two weeks per year of USAF Reserve training duty. Interest? Drop by the Career Center, second floor, U.C. The word we have is that the reserves have flight positions open whereas the regular Air Force is tight on flight positions.

Wanted.....
CFI-I and Multi-Engine Charter pilot; Parkersburg, West Virginia

..... CFI-A and Charter pilot; Louisville, Kentucky
Propulsion Engineer; Moonsey Aircraft, Texas.

A & P's; Avionics; Aircraft Inspector.

See the Career Center on the second floor of the U.C. for these and other positions for Alumni and graduating students.



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MGT CLUB

By Patricia Neuzil
Publicity Chairperson

For the people who weren't at our dinner meeting last Wednesday, you sure missed something! Our speaker for the evening was Mr. Atchinson, the Asst. Program Director of the F-15 for the U.S. Air Force. Besides answering questions, Atchinson showed slides and two short films on the F-15. The meeting proved to be very informative, as well as enjoyable!

Our next meeting will be on Wednesday night, October 12th. Dues must be paid by the beginning of the meeting at 7:00 p.m.

Today's the day! Don't forget to vote in the University Center for your student government. If you don't vote - don't complain!

ARNOLD AIR SOCIETY
GILL ROBB WILSON, MS.

By Kitty Blaisdell

Arnold Air Society held their first meeting for the Fall term last Wednesday night. The following topics were discussed: dues, the next meeting, pledge party and classes, Angel Flight, some kind of big brother program, and a road rally.

Squadron and national dues are due October 12.

Our next meeting will be a dinner meeting at 6:30 next week, September 28, at Sir Steak. Class A uniforms are to be worn.

The pledge class was to hold its first meeting Monday. They started with a pledge party last Friday. I hope all the pledges are invited to attend the dinner meeting next Wednesday.

We are starting work on a road rally but as of now there are no definite dates or anything else. Doug Livernois could use at least one more volunteering member to help on the committee.

We are gathering information on and attempting to get an Angel Flight started. Angel Flight is a service group to AAS and membership is usually non ROTC members, however, this does not mean that there are no ROTC members. If you want to get involved in AAS but have not been here long enough or cannot join for some other reason, then AF is a way. Also, encourage your friends to show some interest even though they are not in ROTC.

So goes the news for this week-back next week for more.

A welcome and a welcome back to all new and returning students. My name is Ron Miller and I was one of those guys in blue trying to keep things in order at registration. I am also the Information Officer for the Air Force ROTC Detachment here at Embry-Riddle and I will be keeping you informed on AFROTC activities and opportunities throughout the trimester.

Cie' E-RAU is really bustling at the seams. This freshman class is the largest ever. If you didn't get a chance to stop by our booth at registration and would like some info on ROTC, don't hesitate to come by the trailer on the west side of the airport, across the street from the weather station. Anyone there will be glad to answer your questions. Our big recruiting drive is on for the Fall tri, and so far we've had a good response from E-RAU, BCC, DBCC, and the FTU Residence

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MEDIA CENTER

Would you like to see the Media Center open more hours? A survey will be taken Thursday and Friday, Sept. 22 and 23, concerning the hours of operation of the Media Center. Surveys will be available at the MC front desk and at a table to be placed next to the lunch line in the cafeteria. Please fill out a survey while you wait. Make your feelings known. Speak out!

SUGGESTIONS?

You know that little box that stands just by the Reading Room door? If not, then look for our SUGGESTION Box next time you are in the MC. We will answer and act on all serious suggestions, concerning the Media Center, in this weekly column.

This past week the problem of NOISE was mentioned more than once. We need everyone's cooperation on this, a frequent problem in the Media Center.

If you are looking for a quiet place to study in the Gill Robb Wilson Complex, Room H-107 is opened for that purpose now. Please feel free. YEARBOOKS ON RESERVE

We now have the complete collection of E-RAU Yearbooks, from 1968-76, on reserve at the front desk of the Media Center. Come by and see 'the way we were'.

AFROTC

By Ron Miller

Center.

We were very pleased to lend a hand at registration and hope to continue helping the school community throughout the year.

Hope everybody had a good weekend. You should have, with all the activities that happened. Friday night, everyone who showed had a good time at the Arnold Air fun rush party. More eats and fun followed on Sunday at the Ponce Inlet beach party. After a certain captain lost his pail and shovel, and then spent his time scaring fish, the rest of us finished off the afternoon with the \$1,000 Fine Hill Climb. Thanks again to everyone who helped out, and a special thanks from Volusia House for donating our leftover food to their kids.

For everybody who didn't make it to Saturday's football practice, make sure you're there at 5 this Saturday. We need more Players and Dale Faust needs your name before Sunday's game or you'll never get to play. See you at the game!

Screaming Eagles

MODEL AIRPLANE CLUB

By Bob Ruff, Jr., Pres.

Greetings: I would like to introduce you to a new, aviation oriented, campus organization: "The Screaming Eagles," a model aircraft club.

The purpose of the club, is to bring together those of you who are interested in model aviation for sport or competition. The club is open to all Embry-Riddle students, faculty, and their families, so if you are interested come to our next meeting or contact me at Box 4233 or see Dean Sain at Building A. The next meeting is going to be Sept. 22 from 7-8 p.m. in the Student /Faculty Lounge.



By the BEE DEE JIVE

The Veterans Association held its first business meeting of the fall trimester last Friday evening with one of the best turn outs in some time. At the meeting Brian Furber, president pro tempore, got his feet wet at administering his new duties. Most of the new and old business was handled by Bob in an effort to make the transitioning period as smooth as possible. The meeting was not only well attended but also extremely lively after a motion by Carl Duncan was put before the membership to delay voting on the candidates for associate membership until after the first social event was held. The motion triggered a lengthy discussion which took many tangents as members made recommendations toward easing the decision on choosing five associate members from the seven extremely worthy candidates. The question of whether to expand the associate memberships to possibly seven or to maintain the five memberships provided in the constitution has been postponed for further discussion until the next business meeting.

The Vet Club extends its appreciation to Smokey Stover for his visit which gave the membership a chance to meet him and get his ideas on a few of the present problems facing the students. Smokey is running for the S.G.A. presidency, and was invited to speak at the business meeting reciprocating an invitation extended to Bob by Quail A. Both candidates seem extremely dedicated to insuring just representation of the student body and the debate planned for Thursday night should be most informative.

making your experiences while at the university some of the best of your life.

The football team needs a lot more support than it is receiving right now. If you desire to play this fall, get out to the practices, the first game is this Sunday.

The bookstore is still in need of books. The areas needed most are Math, Computers, Psychology, Philosophy, Economics, Management, and History. The bookstore is open daily from 10:00 to 4:00 for purchases and book turn-ins. Pilot supplies are also being sold at the store for the best prices around. The Vets Used Book Store offers all students an opportunity to save quite a bit of money on books. It needs your old books to keep providing this service, and help you recoup some of your expenses by selling your books for you.

The welcoming party will be held this Saturday night, September 24, at 8:00 p.m. at the Cypress Village Recreation Hall. The party gives the membership an opportunity to renew old and make new friendships and have a great time doing it. All members, active duty students, wives and/or girlfriends, and associate members are invited and strongly urged to attend.

The football team practices are not getting the attendance desired. The sports activities in which the club is involved have been a great source of prestige for the club. The Vets have maintained a tradition of being number one in all their undertakings and this football season should be no exception. If you are a new veteran on campus you will find that club involvement, especially in the clubs sports endeavors, will aid in

Sigma

Phi Delta



By Joe Biebel

With the first three weeks of school almost out of the way, the Brothers of Sigma Phi Delta Fraternity are back into the swing of things and ready for action.

For those of you who are not familiar with the fraternities on campus, Sigma Phi Delta is an International Social, Professional Fraternity of Engineers. Our membership at E-RAU is comprised solely of AE and ACET students.

Along with being the only Engineering Fraternity on campus, Sigma Phi Delta has extensive social and professional programs.

Starting on the social side, Friday night is bar night at the Sigma Phi Delta Castle. With the bar headed by Brother Pete Garnevicus, the Brothers and Little Sisters of Sigma Phi Delta come to the Castle bar for an evening "Happy Hour." Also, on the social side, was last Sunday's "Welcome Back" Bar-B-Q. All of the SPD Brothers and Little Sisters who attended seemed to enjoy themselves very much.

On the professional side, Sigma Phi Delta holds professional meetings on special topics. Last trimester's meetings consisted of talks on such topics as Birdman Aircraft and Household Security Systems (locks).

Along with social and professional activities, Sigma Phi Delta has a flag football team which is geared up and waiting for any challenge that may come along.

Any engineering student wishing to know more about Sigma Phi Delta is welcome to come to our Rush Party at 9:00 p.m., Friday, Sept. 23 at 519 S. Ridgewood Ave. Anyone needing a ride should call 252-9374.

Any interested student is also welcome to stop by the Sigma Phi Delta Castle (519 S. Ridgewood Ave) anytime, and talk to the Brothers.

BOWLING

The E-RAU Bowling League has kicked off its season with an excellent turnout. All you bowlers who didn't participate last week aren't left out. The league still needs about five more members to make an even 18 team league. If you're interested and bashful just drop your name and address in Box 2006, or stop by the Halifax Lanes Thursday the 22nd at 9:00 p.m., a spot will be waiting.

Last Thursday's action provided a few good games and series for the following individuals. Terry Shalon rolled a 541 series with a high game of 200; followed by Joe Golinski with a 510 series and also a high of 200. Kim Lapid finished third with a respectable 500.

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Fraternity Corner AHP

By Ken Morse Historian

Elections of offices for AHP were held this past week at our second business meeting of the Fall Trimester. Congratulations are due to the following officers:

President: Randy Bowser
Vice President: Craig Subatke
Secretary: Duana Bucklin
Treasurer: Chris Ruksnaitis
Historian: Ken Morse
PledgeMASTER: Craig Hildebrandt
Parliamentarian: Bill Gibson
Alumni Representative:

Bob Gordon (New Office)

Many of you may have noticed that each of the tie-down areas for our aircraft have been numbered. Sunday about 15 brothers turned out, brush in hand, to paint numbers on the Embry-Riddle rump. This was an idea by AHP to help streamline the aircraft re-

fueling process. In the future, when an aircraft needs service, line maintenance personnel will be referred to a tie-down number. Instead of searching all over the ramp for one certain airplane, the mechanic/fuel truck driver will know exactly where that airplane is located. Hopefully, this will cut down on turnaround time of the aircraft and make it easier for everyone concerned. By the way, anyone wishing to have their car painted yellow should see Don Rozzo.

AHP's Weather Seminar will be conducted today, Sept. 21 at 7 p.m. in G-109. These weather seminars are open to anyone interested in learning about the various aspects of aviation weather. They will feature lectures and discussions of special inter-

est to all students of aviation.

The next business meeting on Thursday, Sept. 22, will be concerned with planning more activities for the current Trimester. In addition to aviation related projects, AHP has had several dinners, a beach party, hay ride, Frisbee tournament, etc., during the past year. With the active membership we have this trimester, I'm sure this will be another good year.

If you wish to pledge AHP you must seek out and be sponsored by an active member. AHP members will be wearing yellow fraternity shirts with black lettering for the next few weeks and will be happy to discuss our aims, goals, and activities with anyone interested.

DELTA
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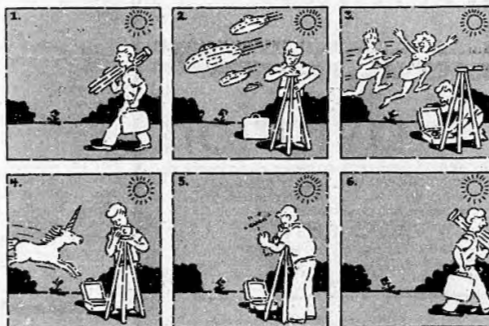
By "PJ" Lee

Bar-B-Q. The chicken was conducted by Dave G. and Dave S. on our recently built outdoor grill. The chicken went very well with the beer, potato salad, and other picnic foods. The party continued with some hard, fast games of volleyball,

more beer, and films of past Delta Chi regional and national conventions. The good times ended about 1:00 a.m. We'd all like to thank the threatening weather for a dry evening!

Our new pledge class is shaping up and growing larger each week. I'm sure with a little work, they will all make good brothers. Good luck!

I'd like to remind all the brothers of our first football game this Sunday. Let's all go out and show the school what kind of a team Delta Chi has!



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Visual Illusions

By Ken Madden

VISUAL ILLUSION ON THE APPROACH

1.0 VISUAL ILLUSION DEFINED

A visual illusion is a false perception received through the visual sense (eyes). What we perceive does not always correspond with what is actually there. Past accidents attributed to visual illusions in the approach phase of flight have prompted this article.

1.1 APPROACHES AT NIGHT

Generally, the reduced contrast and the number of visual clues available will work to give the pilot problems with judgement of heights and distances.

1.1.1 FOG

When approaching into fog that is gradually thickening, the pilot will falsely sense a climb and may descend too low in an effort to compensate.

1.1.2 PARALLEL RUNWAYS

When approaching one of a set of parallel runways - if the approach lights for the runway(s) opposite the aircraft are more intense, the pilot may falsely feel he is banking. This illusion could also occur over the runway if one row of runway lights is brighter than the other and may result in a wing-tip or engine pod contacting the runway.

1.1.3 APPROACH LIGHT SYSTEMS

ONE standardized approach light system has not been adopted for all airports equipped with approach lights as yet; therefore, it is difficult for the pilot to judge height and distances on the approach unless thorough knowledge of all systems is obtained. Note: The

absence of an ALS will increase the chances for visual illusions to manifest themselves.

1.1.4 RUNWAY LIGHTING INTENSITY

When runway lighting intensity is lower than usual, the aircraft will tend to be lower than it seems.

1.1.5 DARKNESS

Conditions such as darkness, smoke, glare, and haze will affect depth perception considerably (shadows and other contrasts are not discernable); the aircraft will tend to be lower than it seems. This illusion is most pronounced on dark, moonless nights or when haze or smoke layers lay low across the runway threshold. (fig. 1)

1.1.6 CLEAR, COLD DARK NIGHTS

On clear, cold dark nights, the runway will appear to closer than it actually is. Bright lights and bold colors advance while dim lights and dull colors recede.

1.1.7 "BLACK HOLE" EFFECT

This phenomenon produces an illusion of height and distance which occurs on a night approach to a runway which is situated in an area with little or no illumination or lights. This illusion results in a higher than normal sensation. See figure 1.

1.2 RUNWAY WIDTH

Runway width plays an important part in determining the pilot's sense of altitude on the approach and/or when flaring for touchdown. When approaching a narrow runway, the pilot may feel he is high; compensation will lead to a low approach and possible undershoot. When approaching a

wide runway, the pilot may feel he is low; compensation will lead to a high-than-normal approach and possible long landing or overshoot. The wider the runway, the shorter it will appear. If parallel runways of different widths are located close to each other, the wider runway will appear higher than the other.

1.3 RUNWAY/TERRAIN SLOPE

When there is an upslope in either the runway or the approach zone terrain preceding the runway, the aircraft will tend to be lower than it seems.

At night the problem is magnified when no lights or other visual clues are available to warn the pilot of his low altitude. The approach may become very flat and an undershoot may result. See Figure 2.

1.4 TEXTURE & CONTRAST

Lack of Runway contrast with the surrounding terrain is a major cause of landing undershoots. If the runway is covered with snow or any other substance that reduces contrast, the aircraft will tend to be lower than it seems.

1.4.1 OVERWATER LANDINGS

Approaches conducted over water offer minimal visual cues due to the water's homogeneous texture and lack of contrast. Pilot not accustomed to landing over water have a tendency to make low approaches and consequently land short.

1.5 RAIN ON THE WINDSHIELD

When flying in rain, in addition to poor visibility, the pilot must consider the water's refractive tendency on the light rays passing through the windshield. This refraction will cause

the pilot to "see" a horizon (or runway, terrain, etc.) that is BELOW the actual horizon. The error can be as great as five degrees; approx. a 400 foot error at two miles. See figure 3.

1.6 "DUCK UNDER"

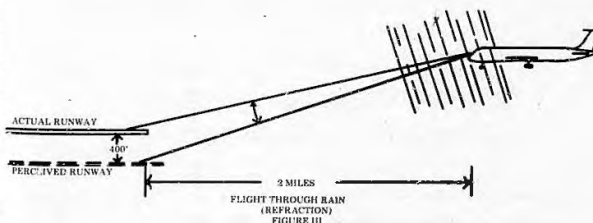
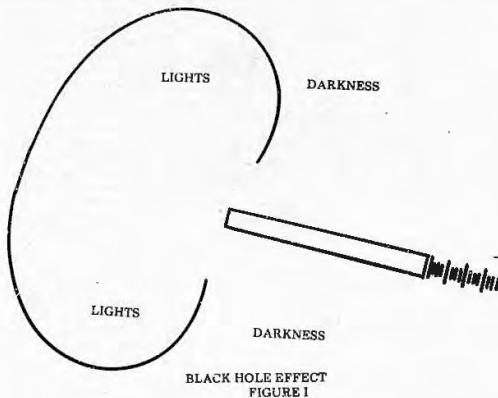
Duck under is an abrupt downward attitude change after reaching the decision height or the minimum descent altitude in an attempt to bring the touchdown point into the pilot's visual range after low level scud has been encountered. This occurs most often during a low-visibility approach

after breaking out of an overcast and produces very high sink rates and thrust required problems when in a high drag configuration at a very critical time in the approach. With depth perception nonexistent due to a low visibility, a hard landing or even an undershoot may result. (fig. 2)

1.7 RECOMMENDATIONS

To preclude illusory effects, use a precision glide slope and/or VASI when available. Pilots should familiarize themselves with the visual approach and/or the instrument approach procedures when available. Increase

attention to cockpit instrumentation (especially the altimeter). Proper crew coordination (altitude callouts and glide slope deviation) should be emphasized. Runway slopes are indicated on instrument approach charts. A rule of thumb for a 3 degree G.S. may help: Three times the distance (on nautical miles) from the touchdown zone equals the altitude the aircraft should be at (in feet). For example: an aircraft 1 nm. from touchdown, should be at approx. 300 ft.; an aircraft 5 NM from touchdown should be at approx. 1,500 ft.



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National Air Show Team Program

The Academy of Model Aeronautics, in cooperation with the Hobby Industry Association, has instituted a national Air Show Team Program for regional AMA-HIA sanctioned air show teams throughout the U.S., to promote model aviation to the general public.

AMA-HIA national Air Show Team (AST) program is now well under way with 12 teams sanctioned for 1977. Each team will perform from 5 to 30 public shows this year exposing hundreds of thousands of people to aeromodeling - many for the first time. The AST program was conceived to offer more and better exposure to aeromodeling than anything ever has - attracting new aeromodelers to the sport, promoting appreciation of model flying to help make it easier to get and keep flying sites and providing new customers for industry.

Teams are classed (A, AA and AAA) according to the number of past shows performed annually and receive support proportionally from AMA, HIA and industry sponsors. Uniform items such as patches, caps, shirts, jump suits and the like, as well as decals, signs and handouts will be furnished by joint AMA-HIA sponsorship and administration. Fuel, props, kits, engines, radios, and accessories are provided by industry sponsors.

One feature shared by all AST exhibitions will be an attractive printed handout promoting aeromodeling, explaining show teams, telling about AMA and listing industry sponsors. One hundred thousand brochures were initially printed, with more as required for this first AST season.

Recognizing that miniature aircraft air show teams throughout

the United States offer a most effective means of promoting model aviation to the public (based on three years of very successful experience with several teams), AMA, HIA's network of 12 teams include: Alpha Squadron, Berwyn, PA; Col. Betkey's Flying Circus, Tempe, AZ; DCRC Show Team, Sterling, VA; Team Aerodrome Show Squadron, San Antonio, TX; Mid-Atlantic RK Society Show Team (MARKS), Seaford, DE; Hummingbirds Show Team, Dayton, OH; Screaming Eagles Barnstormers, Plainfield, IN; Flying Dutchmen, Reading, PA; Spirits of America Show Team, Toledo, OH; Bakersfield Barnstormers AST, Bakersfield, CA; Indiana City RC AST, Wyandotte, MI; Florida Air Show Team, Delray Beach, FL. Using existing AMA chartered clubs and teams - such as the original AMA Show Team, Col. Betkey's Flying Circus and the DC/RC Club Team - as a nucleus, the Air Show Team concept was developed to encourage proliferation of AST's in strategic geographic areas throughout the U.S.

Teams receive incentive to both quality and quantity of their shows by a rating system which will provide assistance for all sanctioned Air Show Teams in varying degrees, administered through AMA.

Industry sponsors include: Ace Radio Control; Amroid Company, Inc.; Astro Flight, Inc.; Bridi Hobby Enterprises; Coverite; Cox Hobbies; Fox Manufacturing Co.; Carl Goldberg Model's; Paul K. Guillow, Inc.; K&B Manufacturing; Kraft Great Lakes; Kraft Systems; Midwest Model Supply Co.; Model Rectifier Co.; Nelson Model Products; Bud Nosen Models; RC Modeler Magazine; RC System Magazine; Royco Products Corporation; Satellite City; Sig Manufacturing; Sonic Tronics; Space Ace Fuels; 60 to Go; Semco Model Engineering Co., Inc.; Sterling Models; Sullivan Products; Tatone Products; Tope Flite Models; William Bros.; World Engines; O.S.;

Perry Aeromotive; Midwest products; Progress (Rev-Up); Grish Bros (Tomato); REV Am Barnstormer; Du-Bro; EK Logictrol; and RS Systems.

With the support of HIA and industry firms, along with the administration of the AST Program by AMA Headquarters, the Air Show Team concept should grow to cover the nation with active, top quality model day model flying barnstormers - fliers who are selling aeromodeling to the public every weekend just as the barnstormers of old sold airplane rides.

Scottish Inn

Continued from page 1

The inn is being run by one resident director and six resident assistants. The resident assistants are responsible for checking the rooms for damage before and after the students live there. A once a week room check is also required to make sure that one roommate has not killed the other two in order for him to have a single room. They also have one duty day a week where they are required to be somewhere on the inn's grounds between the hours of 5 p.m. and 8 a.m. These assistants are there to help students with any problems that arise, they are not there to be mothers.

These R.A.'s have gone through a weekend training session in DeLand, where they got a chance to meet each other and get acquainted with each other's way of solving problems. The resident assistants live only two to a room and are assigned to a floor of about 80 people. In order for these men to hold their positions, they must maintain at least a 2.0 g.p.a.

Scott Durkee, one of the resident assistants at the inn commented that he feels that the inn is a nice environment to live in, but he liked the set up offered at the Derbyshire apartments last year better than this. He appreciated Derbyshire more because of the privacy offered. There were four people living in a three bedroom apartment, and the cost was exactly the same as the Scottish Inn.

Durkee also mentioned that there is an outdoor bar and game room being built next to the pool for the student's use. This is being built by the inn. When asked to compare the inn to the dormitory, Durkee only said that it depends on one's own preferences. He mentioned that the dorm was probably a closer bunch of guys because they are constantly meeting each other in the hallways, whereas the inn has outdoor private entrances. Durkee's last item was that the inn also has color televisions and phones in the rooms.

Durkee, along with some of the other R.A.'s are also setting up activities and sporting events against the dormitory.

As mentioned earlier, the inn also houses 11 women at the present time. In speaking with them, their feelings seem to be about the same, at first they wondered about living with 460 guys, (because of whistling, etc.), but now they all seem to like it because most of the guys have settled down. Most importantly, they seem to get along with each other well.

With people living three students to a room, getting along with one another and respecting one's privacy is of the utmost importance.

Resident Director

Continued from page 1

are actually on duty round the clock to help student with difficulties.

To become an advisor, the R.D. screens the applicants looking for good initiators, friendly people, people who get involved and go out of their way to help others. Gearing remained very active during his one and a half years as a resident advisor. He acted as president of the Riddle Packers, chairman of the S.G.A.'s HEW (Health, Education, and Welfare) Committee, and is currently the student representative for the university on the committee for E-RAU's swimming pool which is in the planning stages.

Looking towards the future, Gearing is trying to get more help from the university for transportation for dormitory outings to places such as Disney World or Cape Kennedy. He will also remain strict on maintenance, seeing that anything that needs to be done, gets done.

Much credit is certainly due to all the resident advisors and resident director, Mike Gearing. Keep up the good work.



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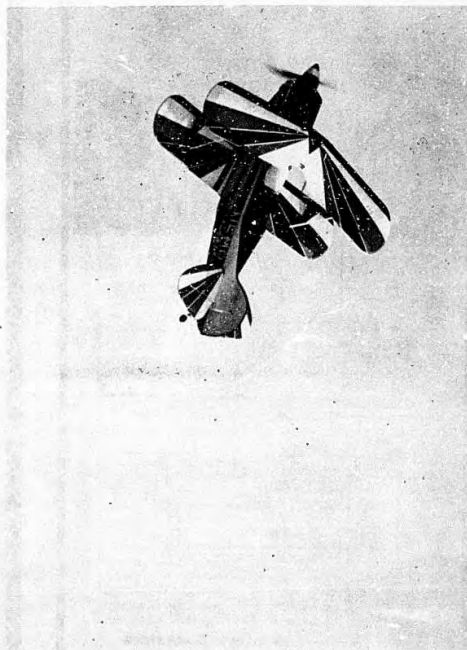


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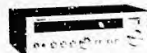
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